

KYNU rabbit monoclonal antibody

Catalog # H00008942-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KYNU peptide using ARM Technology.
Immunogen	A synthetic peptide of human KYNU is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human KYNU peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — KYNU

Entrez GeneID	8942
GeneBank Accession#	KYNU
Gene Name	KYNU
Gene Alias	-
Gene Description	kynureninase (L-kynurenine hydrolase)
Omim ID	236800 605197
Gene Ontology	Hyperlink
Gene Summary	Kynureninase is a pyridoxal-5'-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	L-kynurenine hydrolase

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Hypertension](#)
- [Tobacco Use Disorder](#)